

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Craig W. Roddy and Bradley L. Todd	)	
		)	Art Unit: Unknown
		)	
Serial No.:	unknown	)	
		)	
Filed:	concurrently herewith	)	Examiner: Unknown
		)	
For:	METHODS OF CEMENTING IN SUBTERRANEAN FORMATIONS USING CRACK RESISTANT CEMENT COMPOSITIONS	)	
		)	

**INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U. S. PATENTS**

U.S. Patent No. 2,703,316 issued March 1, 1955 to Allan K. Schneider.

U.S. Patent No. 3,912,692 issued October 14, 1975 to Donald J. Casey et al.

U.S. Patent No. 4,304,298 issued December 8, 1981 to David L. Sutton.

U.S. Patent No. 4,340,427 issued July 20, 1982 to David L. Sutton.

U.S. Patent No. 4,367,093 issued January 4, 1983 to John F. Burkhalter et al.

U.S. Patent No. 4,387,769 issued June 14, 1983 to Steven R. Erbstoesser et al.

U.S. Patent No. 4,450,010 issued May 22, 1984 to John F. Burkhalter et al.

U.S. Patent No. 4,526,695 issued July 2, 1985 to Steven R. Erbstoesser et al.

U.S. Patent No. 4,565,578 issued January 21, 1986 to David L. Sutton et al.

U.S. Patent No. 4,715,967 issued December 29, 1987 to Harold E. Bellis et al.

U.S. Patent No. 4,848,467 issued July 18, 1989 to Lisa A. Cantu et al.

U.S. Patent No. 4,957,165 issued September 18, 1990 to Lisa A. Cantu et al.

U.S. Patent No. 4,986,353 issued January 22, 1991 to Charles R. Clark et al.

U.S. Patent No. 4,986,355 issued January 22, 1991 to Burton M. Casad et al.

U.S. Patent No. 5,086,850 issued February 11, 1992 to Kirk L. Harris et al.

U.S. Patent No. 5,121,795 issued June 16, 1992 to David P. Ewert et al.

U.S. Patent No. 5,123,487 issued June 23, 1992 to Kirk L. Harris et al.

U.S. Patent No. 5,127,473 issued July 7, 1992 to Kirk L. Harris et al.

U.S. Patent No. 5,178,219 issued January 12, 1993 to Steven G. Streich et al.

U.S. Patent No. 5,216,050 issued June 1, 1993 to Richard G. Sinclair.

U.S. Patent No. 5,238,064 issued August 24, 1993 to Jeffrey A. Dahl et al.

U.S. Patent No. 5,373,901 issued December 20, 1994 to Lewis R. Norman et al.

U.S. Patent No. 5,588,488 issued December 31, 1996 to Jan P. Vijn et al.

U.S. Patent No. 5,604,186 issued February 18, 1997 to Charles V. Hunt et al.

U.S. Patent No. 6,135,208 issued October 24, 2000 to John C. Gano et al.

U.S. Patent No. 6,308,777 B2 issued October 30, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,323,307 B1 issued November 27, 2001 to Donald M. Bigg et al.

U.S. Patent No. 6,357,527 B1 issued March 19, 2002 to Lewis R. Norman et al.

U.S. Patent No. 6,409,175 B1 issued June 25, 2002 to M. Edward Evans et al.

U.S. Patent No. 6,444,316 B1 issued September 3, 2002 to Baireddy R. Reddy et al.

U.S. Patent No. 6,457,524 B1 issued October 1, 2002 to Craig W. Roddy.

U.S. Patent No. 6,485,947 B1 issued November 26, 2002 to Vineet Rajgarhia et al.

U.S. Patent No. 6,527,051 B1 issued March 4, 2003 to Baireddy R. Reddy et al.

U.S. Patent No. 6,554,071 B1 issued April 29, 2003 to Baireddy R. Reddy et al.

U.S. Patent No. 6,561,271 B2 issued May 13, 2003 to John L. Baugh et al.

U.S. Patent No. 6,565,644 B2 issued May 20, 2003 to William F. Kepler et al.

U.S. Patent No. 6,668,928 B2 issued December 30, 2003 to Lance E. Brothers.

U.S. Patent No. 4,961,790 issued October 9, 1990 to Dwight Smith et al.

U.S. Patent No. 5,203,629 issued April 20, 1993 to Stephen A. Valle et al.

U.S. Patent No. 5,320,851 issued June 14, 1994 to John O. de Mars et al.

U.S. Patent No. 5,728,209 issued March 17, 1998 to Jeffrey Bury et al.

U.S. Patent No. 6,648,962 B2 issued November 18, 2003 to Neal S. Berke et al.

#### **U.S. PATENT APPLICATION PUBLICATION**

U.S. Patent Application Publication No. US 2003/0116319 A1 published June 26, 2003  
to Lance E. Brothers et al.

U.S. Patent Application Publication No. US 2003/0121659 A1 published July 3, 2003 to  
Lance E. Brothers.

#### **FOREIGN PATENTS**

PCT Patent Application Number WO 03/029607 A1 published April 10, 2003.

PCT Patent Application Number WO 03/042486 A2 published May 22, 2003.

PCT Patent Application Number WO 03/023179 A2 published March 20, 2003.

PCT Patent Application Number WO 03/004820 A2 published January 16, 2003.

PCT Patent Application Number WO 03/004819 A2 published January 16, 2003.

PCT Patent Application Number WO 02/068792 A1 published September 6, 2002.

PCT Patent Application Number WO 02/066873 A1 published August 29, 2003.

PCT Patent Application Number WO 02/053867 A2 published July 11, 2002.

PCT Patent Application Number WO 01/04535A1 published January 18, 2001.

PCT Patent Application Number WO 01/04520 A1 published January 18, 2001.

PCT Patent Application Number WO 03/027431 A3 published April 3, 2003.

PCT Patent Application Number WO 03/027431 A2 published April 3, 2003.

### **OTHER PUBLICATIONS**

Halliburton brochure entitled "Super CBL Additive Cement Additive" dated 1999.

Halliburton brochure entitled "MicroBond M Cement Additive" dated 1999.

Halliburton brochure entitled "MicroBond HT Cement Additive" dated 1999.

Halliburton brochure entitled "MicroBond Expanding Additive for Cement" dated 1999.

Paper entitled "Poly(phenyllactide): Synthesis, Characterization, and Hydrolytic Degradation" by Tara L. Simmons et al., dated 2001.

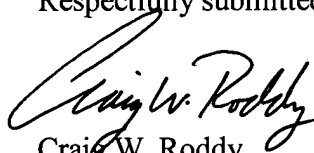
Paper entitled "Synthesis and Properties of Polymers Derived from Substituted Lactic Acids" by Mao Tin et al., dated 2001.

Paper entitled "Macromolecules" by Mao Yin et al., dated 1999.

Paper entitled "Advanced in Polymer Science" by Professor Akihiro Abe et al. dated 2002, pp. 1-138.

Copies of the non-patented references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, reading "Craig W. Roddy". The signature is written in a cursive style with a large, looping initial "C".

Craig W. Roddy  
Registration No. 36,256  
Halliburton Energy Services  
P. O. Box 1431  
Duncan, OK 73536-0440  
580-251-3012

<b>FORM PTO-1449</b> (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-011430U1	SERIAL NO. unknown
	APPLICANT Craig W. Roddy et al.	
	FILING DATE concurrently herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	2,703,316	03/01/55	Schneider	260	78.3	
	AB	3,912,692	10/14/75	Casey et al.	260	78.3 R	
	AC	4,304,298	12/08/81	Sutton	166	293	
	AD	4,340,427	07/20/82	Sutton	106	87	
	AE	4,367,093	01/04/83	Burkhalter et al.	106	87	
	AF	4,387,769	06/14/83	Erbstoesser et al.	166	295	
	AG	4,450,010	05/22/84	Burkhalter et al.	106	87	
	AH	4,526,695	07/02/85	Erbstorsser et al.	252	8.55 R	
	AI	4,565,578	01/21/86	Sutton et al.	106	87	
	AJ	4,450,010	05/22/84	Burkhalter et al.	106	87	
	AK	4,461,644	07/24/84	Childs et al.	106	76	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO 03/029607 A1	04/10/03	PCT	E21B	19/16	X	
	AM	WO 03/042486 A2	05/22/03	PCT	E21B		X	
	AN	WO 03/023179 A2	03/20/03	PCT	E21B		X	
	AO	WO 03/004820 A2	01/16/03	PCT	E21B		X	
	AP	WO 03/004819 A2	01/16/03	PCT	E21B		X	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "Super CBL Additive Cement Additive" dated 1999.
	AS	Halliburton brochure entitled "MicroBond M Cement Additive" dated 1999.
	AT	Halliburton brochure entitled "MicroBond HT Cement Additive" dated 1999.

EXAMINER

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AA	4,715,967	12/29/87	Bellis et al.	252	8.551	
	AB	4,848,467	07/18/89	Cantu et al.	166	281	
	AC	4,957,165	09/18/90	Cantu et al.	166	295	
	AD	4,986,353	01/22/91	Clark et al.	166	279	
	AE	4,986,355	01/22/91	Casad et al.	166	295	
	AF	5,086,850	02/11/92	Harris et al.	175	61	
	AG	5,121,795	06/16/92	Ewert et al.	166	292	
	AH	5,123,487	06/23/92	Harris et al.	166	277	
	AI	5,127,473	07/07/92	Harris et al.	166	277	
	AJ	5,178,219	01/12/93	Streich et al.	166	289	
	AK	5,216,050	06/01/93	Sinclair	524	108	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO 02/068792 A1	09/6/02	PCT	E21B	19/16	X	
	AM	WO 02/066783 A1	08/29/02	PCT	E21B	19/16	X	
	AN	WO 02/053867 A2	07/11/02	PCT	E21B		X	
	AO	WO 01/04535 A1	01/18/01	PCT	F16L	55/16	X	
	AP	WO 01/04520 A1	01/18/01	PCT	F16J	15/16	X	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "MicroBond Expanding Additive for Cement" dated 1999.
	AS	Paper entitled "Poly(phenyllactide): Synthesis, Characterization, and Hydrolytic Degradation" by Tara L. Simmons et al., dated 2001.
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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,238,064	08/24/93	Dahl et al.	166	293	
	AB	5,373,901	12/20/94	Norman et al.	166	300	
	AC	5,588,488	12/31/96	Vijn et al.	166	293	
	AD	5,604,186	02/18/97	Hunt et al.	507	204	
	AE	6,135,208	10/24/00	Gano et al.	166	313	
	AF	6,308,777 B2	10/30/01	Chatterji et al.	166	293	
	AG	6,323,307 B1	11/27/01	Bigg et al.	528	354	
	AH	6,357,527 B1	03/19/02	Norman et al.	166	300	
	AI	6,409,175 B1	06/25/02	Evans et al.	277	314	
	AJ	6,444,316 B1	09/03/02	Reddy et al.	427	407	
	AK	6,457,524 B1	10/01/02	Roddy	166	293	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes   No	
	AL	WO 03/027431 A3	04/03/03	PCT	E21B	43/26	X	
	AM	WO 03/027431 A2	04/03/03	PCT	E21B		X	
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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,485,947 B1	11/26/02	Rajgarhia et al.	435	139	
	AB	6,527,051 B1	03/04/03	Reddy et al.	166	300	
	AC	6,554,071 B1	04/29/03	Reddy et al.	166	293	
	AD	6,561,271 B2	05/13/03	Baugh et al.	166	285	
	AE	6,565,644 B2	05/20/03	Kepler et al.	106	713	
	AF	6,668,928 B2	12/30/03	Brothers	166	292	
	AG	4,961,790	10/09/90	Smith et al.	106	823	
	AH	5,203,629	04/20/93	Valle et al.	366	2	
	AI	5,320,851	06/14/94	de Mars et al.	424	451	
	AJ	5,728,209	03/17/98	Bury et al.	106	819	
	AK	6,648,962 B2	11/18/03	Berke et al.	106	696	

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	US 2003/0116319 A1	06/26/03	Brothers et al.	166	287	
	AB	US 2003/0121659 A1	07/03/03	Brothers	166	292	
	AC						
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	AH						
	AI						
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